

Bernard Robaire

List of Publications by Citations

Source: <https://exaly.com/author-pdf/780614/bernard-robaire-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

178
papers

6,449
citations

46
h-index

70
g-index

192
ext. papers

7,140
ext. citations

5.3
avg, IF

5.93
L-index

#	Paper	IF	Citations
178	Regulation of epididymal epithelial cell functions. <i>Biology of Reproduction</i> , 1995 , 52, 226-36	3.9	211
177	Paternal cyclophosphamide treatment of rats causes fetal loss and malformations without affecting male fertility. <i>Nature</i> , 1985 , 316, 144-6	50.4	189
176	Developmental acquisition of genome-wide DNA methylation occurs prior to meiosis in male germ cells. <i>Developmental Biology</i> , 2007 , 307, 368-79	3.1	179
175	Aging results in hypermethylation of ribosomal DNA in sperm and liver of male rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1775-80	11.5	152
174	Chronic low dose cyclophosphamide treatment of adult male rats: effect on fertility, pregnancy outcome and progeny. <i>Biology of Reproduction</i> , 1986 , 34, 275-83	3.9	136
173	Induction of apoptosis in the germ cells of adult male rats after exposure to cyclophosphamide. <i>Biology of Reproduction</i> , 1997 , 56, 1490-7	3.9	131
172	Dynamic changes in gene expression along the rat epididymis. <i>Biology of Reproduction</i> , 2001 , 65, 696-703	3.9	114
171	Androgen action in the epididymis. <i>Journal of Andrology</i> , 2011 , 32, 592-9		101
170	Increased postimplantation loss and malformations among the F2 progeny of male rats chronically treated with cyclophosphamide. <i>Teratology</i> , 1992 , 45, 671-8		99
169	Effects of in utero tributyltin chloride exposure in the rat on pregnancy outcome. <i>Toxicological Sciences</i> , 2003 , 74, 407-15	4.4	93
168	Toxicants and human sperm chromatin integrity. <i>Molecular Human Reproduction</i> , 2010 , 16, 14-22	4.4	90
167	Spermatozoa have decreased antioxidant enzymatic capacity and increased reactive oxygen species production during aging in the Brown Norway rat. <i>Journal of Andrology</i> , 2007 , 28, 229-40		90
166	Orchidectomy induces a wave of apoptotic cell death in the epididymis. <i>Endocrinology</i> , 1998 , 139, 2128-36		89
165	Aging of male germ line stem cells in mice. <i>Biology of Reproduction</i> , 2006 , 74, 119-24	3.9	86
164	Spermiogenic germ cell phase-specific DNA damage following cyclophosphamide exposure. <i>Journal of Andrology</i> , 2004 , 25, 354-62		83
163	Paternal exposure to cyclophosphamide induces DNA damage and alters the expression of DNA repair genes in the rat preimplantation embryo. <i>Mutation Research DNA Repair</i> , 2000 , 461, 229-41		83
162	Distribution of immune cells in the epididymis of the aging Brown Norway rat is segment-specific and related to the luminal content. <i>Biology of Reproduction</i> , 1999 , 61, 705-14	3.9	77

161	A time-course study of chronic paternal cyclophosphamide treatment in rats: effects on pregnancy outcome and the male reproductive and hematologic systems. <i>Biology of Reproduction</i> , 1987 , 37, 317-26	3.9	75
160	Impact of chemotherapeutics and advanced testicular cancer or Hodgkin lymphoma on sperm deoxyribonucleic acid integrity. <i>Fertility and Sterility</i> , 2010 , 94, 1374-1379	4.8	74
159	Effects of chemotherapeutic agents for testicular cancer on the male rat reproductive system, spermatozoa, and fertility. <i>Journal of Andrology</i> , 2006 , 27, 189-200		74
158	Effects of insulin-like growth factor I on steroidogenic enzyme expression levels in mouse leydig cells. <i>Endocrinology</i> , 2003 , 144, 5058-64	4.8	74
157	Seminiferous tubule degeneration and infertility in mice with sustained activation of WNT/CTNNB1 signaling in sertoli cells. <i>Biology of Reproduction</i> , 2008 , 79, 475-85	3.9	72
156	Evaluation of a quantitative DNA methylation analysis technique using methylation-sensitive/dependent restriction enzymes and real-time PCR. <i>Epigenetics</i> , 2006 , 1, 146-52	5.7	72
155	Ageing of the male germ line. <i>Nature Reviews Urology</i> , 2013 , 10, 227-34	5.5	67
154	Expression of stress response genes in germ cells during spermatogenesis. <i>Biology of Reproduction</i> , 2001 , 65, 119-27	3.9	67
153	Epigenetic programming in the preimplantation rat embryo is disrupted by chronic paternal cyclophosphamide exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7865-70	11.5	66
152	Paternal cyclophosphamide treatment causes postimplantation loss via inner cell mass-specific cell death. <i>Teratology</i> , 1992 , 45, 313-8		66
151	Effects of the chemotherapy cocktail used to treat testicular cancer on sperm chromatin integrity. <i>Journal of Andrology</i> , 2007 , 28, 241-9; discussion 250-1		65
150	Gene expression is differentially regulated in the epididymis after orchidectomy. <i>Endocrinology</i> , 2003 , 144, 975-88	4.8	63
149	Effect of glutathione depletion on antioxidant enzymes in the epididymis, seminal vesicles, and liver and on spermatozoa motility in the aging brown Norway rat. <i>Biology of Reproduction</i> , 2004 , 71, 1002-8	3.9	63
148	Epigenetic programming: from gametes to blastocyst. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011 , 91, 652-65		62
147	Adverse effects of 5-aza-2Sdeoxycytidine on spermatogenesis include reduced sperm function and selective inhibition of de novo DNA methylation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 1171-80	4.7	61
146	Cyclophosphamide in the seminal fluid of treated males: transmission to females by mating and effect on pregnancy outcome. <i>Toxicology and Applied Pharmacology</i> , 1986 , 84, 423-30	4.6	61
145	Segment-specific changes with age in the expression of junctional proteins and the permeability of the blood-epididymis barrier in rats. <i>Biology of Reproduction</i> , 1999 , 60, 1392-401	3.9	60
144	Changes in spermatozoal chromatin packaging and susceptibility to oxidative challenge during aging. <i>Fertility and Sterility</i> , 2005 , 84 Suppl 2, 1191-8	4.8	58

143	Damage to rat spermatozoal DNA after chronic cyclophosphamide exposure. <i>Biology of Reproduction</i> , 1995 , 53, 1465-73	3.9	57
142	Effects of di-(2-ethylhexyl) phthalate and four of its metabolites on steroidogenesis in MA-10 cells. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 79, 108-115	7	52
141	Degradation of 17 β -ethinylestradiol by ozonation--identification of the by-products and assessment of their estrogenicity and toxicity. <i>Environment International</i> , 2012 , 39, 66-72	12.9	51
140	Suppression of spermatogenesis by testosterone in adult male rats: effect on fertility, pregnancy outcome and progeny. <i>Biology of Reproduction</i> , 1984 , 31, 221-30	3.9	50
139	The poly(A)-binding protein partner Paip2a controls translation during late spermiogenesis in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3389-400	15.9	50
138	Paternal age affects fertility and progeny outcome in the Brown Norway rat. <i>Fertility and Sterility</i> , 1998 , 70, 625-31	4.8	49
137	Morphological changes in the testis and epididymis of rats treated with cyclophosphamide: a quantitative approach. <i>Biology of Reproduction</i> , 1988 , 38, 463-79	3.9	49
136	Aging results in differential regulation of DNA repair pathways in pachytene spermatocytes in the Brown Norway rat. <i>Biology of Reproduction</i> , 2011 , 85, 1269-78	3.9	47
135	Effects of chronic exposure to an environmentally relevant mixture of brominated flame retardants on the reproductive and thyroid system in adult male rats. <i>Toxicological Sciences</i> , 2012 , 127, 496-507	4.4	47
134	Adverse effects of cyclophosphamide on progeny outcome can be mediated through post-testicular mechanisms in the rat. <i>Biology of Reproduction</i> , 1992 , 46, 926-31	3.9	47
133	Effects of four chemotherapeutic agents, bleomycin, etoposide, cisplatin, and cyclophosphamide, on DNA damage and telomeres in a mouse spermatogonial cell line. <i>Biology of Reproduction</i> , 2014 , 90, 72	3.9	45
132	Effects of ageing on spermatozoal chromatin and its sensitivity to in vivo and in vitro oxidative challenge in the Brown Norway rat. <i>Human Reproduction</i> , 2006 , 21, 2901-10	5.7	45
131	Effects of chronic low-dose cyclophosphamide exposure on the nuclei of rat spermatozoa. <i>Biology of Reproduction</i> , 1995 , 52, 33-40	3.9	45
130	Structure and turnover of junctional complexes between principal cells of the rat epididymis. <i>Microscopy Research and Technique</i> , 1995 , 30, 54-66	2.8	45
129	Androgenic regulation of novel genes in the epididymis. <i>Asian Journal of Andrology</i> , 2007 , 9, 545-53	2.8	44
128	Immunocytochemical localization of the Ya, Yc, Yb1, and Yb2 subunits of glutathione S-transferases in the testis and epididymis of adult rats. <i>Microscopy Research and Technique</i> , 1995 , 30, 1-23	2.8	44
127	The Epididymis 2015 , 691-771		42
126	Organophosphate Flame Retardants Act as Endocrine-Disrupting Chemicals in MA-10 Mouse Tumor Leydig Cells. <i>Toxicological Sciences</i> , 2016 , 150, 499-509	4.4	41

125	Reversibility of the effects of subchronic exposure to the cancer chemotherapeutics bleomycin, etoposide, and cisplatin on spermatogenesis, fertility, and progeny outcome in the male rat. <i>Journal of Andrology</i> , 2008 , 29, 408-17		41
124	Impact of paternal exposure to chemotherapy on offspring in the rat. <i>Journal of the National Cancer Institute Monographs</i> , 2005 , 28-31	4.8	40
123	Chronic cyclophosphamide treatment alters the expression of stress response genes in rat male germ cells. <i>Biology of Reproduction</i> , 2002 , 66, 1024-32	3.9	40
122	Paternal exposure to drugs and environmental chemicals: effects on progeny outcome. <i>Journal of Andrology</i> , 2001 , 22, 927-36		40
121	Effects of Aging and Oxidative Stress on Spermatozoa of Superoxide-Dismutase 1- and Catalase-Null Mice. <i>Biology of Reproduction</i> , 2016 , 95, 60	3.9	40
120	Hair as a biomarker of systemic exposure to polybrominated diphenyl ethers. <i>Environmental Science & Technology</i> , 2014 , 48, 14650-8	10.3	38
119	In utero exposure to tributyltin chloride differentially alters male and female fetal gonad morphology and gene expression profiles in the Sprague-Dawley rat. <i>Reproductive Toxicology</i> , 2007 , 23, 1-11	3.4	38
118	DNA damage recognition in the rat zygote following chronic paternal cyclophosphamide exposure. <i>Toxicological Sciences</i> , 2007 , 100, 495-503	4.4	37
117	Chronic cyclophosphamide exposure alters the profile of rat sperm nuclear matrix proteins. <i>Biology of Reproduction</i> , 2007 , 77, 303-11	3.9	37
116	The effects of long-term vitamin E treatment on gene expression and oxidative stress damage in the aging Brown Norway rat epididymis. <i>Biology of Reproduction</i> , 2004 , 71, 1088-95	3.9	37
115	Epigenetic alterations in sperm DNA associated with testicular cancer treatment. <i>Toxicological Sciences</i> , 2012 , 125, 532-43	4.4	36
114	Assessing sperm chromatin and DNA damage: clinical importance and development of standards. <i>Andrology</i> , 2014 , 2, 322-5	4.2	34
113	Intra-individual and inter-individual variations in sperm aneuploidy frequencies in normal men. <i>Fertility and Sterility</i> , 2009 , 91, 185-92	4.8	34
112	Effects of the chemotherapeutic agents for non-Hodgkin lymphoma, cyclophosphamide, doxorubicin, vincristine, and prednisone (CHOP), on the male rat reproductive system and progeny outcome. <i>Journal of Andrology</i> , 2007 , 28, 578-87		34
111	Effect of testosterone on epithelial cell proliferation in the regressed rat epididymis. <i>Journal of Andrology</i> , 2009 , 30, 200-12		33
110	Effects of PNU157706, a dual 5alpha-reductase inhibitor, on rat epididymal sperm maturation and fertility. <i>Biology of Reproduction</i> , 2005 , 72, 436-43	3.9	33
109	Effect of estradiol-filled polydimethylsiloxane subdermal implants in adult male rats on the reproductive system, fertility, and progeny outcome. <i>Biology of Reproduction</i> , 1987 , 37, 327-34	3.9	33
108	The presence and longitudinal distribution of the glutathione S-transferases in rat epididymis and vas deferens. <i>Biochemical Journal</i> , 1980 , 189, 135-42	3.8	33

107	Actions of 5alpha-reductase inhibitors on the epididymis. <i>Molecular and Cellular Endocrinology</i> , 2006 , 250, 190-5	4.4	32
106	The Green Print: Advancement of Environmental Sustainability in Healthcare. <i>Resources, Conservation and Recycling</i> , 2020 , 161, 104882	11.9	32
105	The stress response in gametes and embryos after paternal chemical exposures. <i>Toxicology and Applied Pharmacology</i> , 2005 , 207, 514-20	4.6	31
104	Differential regulation of steady state 4-ene steroid 5 alpha-reductase messenger ribonucleic acid levels along the rat epididymis. <i>Endocrinology</i> , 1991 , 128, 2407-14	4.8	31
103	Ultrastructure of immotile spermatozoa in an infertile male: a spectrum of structural defects. <i>Fertility and Sterility</i> , 1983 , 40, 395-9	4.8	31
102	Toxicogenomic Screening of Replacements for Di(2-Ethylhexyl) Phthalate (DEHP) Using the Immortalized TM4 Sertoli Cell Line. <i>PLoS ONE</i> , 2015 , 10, e0138421	3.7	30
101	Effects of acute and chronic cyclophosphamide treatment on meiotic progression and the induction of DNA double-strand breaks in rat spermatocytes. <i>Biology of Reproduction</i> , 2005 , 72, 1297-304	3.9	30
100	Testosterone-estradiol filled polydimethylsiloxane subdermal implants: effect on fertility and masculine sexual and aggressive behavior of male rats. <i>Biology of Reproduction</i> , 1979 , 21, 765-72	3.9	30
99	Rebuttal of a role for the epididymis in sperm quality control by phagocytosis of defective sperm. <i>Journal of Cell Science</i> , 2002 , 115, 5-7	5.3	30
98	Exposure to bleomycin, etoposide, and cis-platinum alters rat sperm chromatin integrity and sperm head protein profile. <i>Biology of Reproduction</i> , 2012 , 86, 166, 1-10	3.9	29
97	Sperm chromatin structure components are differentially repaired in cancer survivors. <i>Journal of Andrology</i> , 2012 , 33, 629-36		29
96	Numerical chromosomal abnormalities in rat epididymal spermatozoa following chronic cyclophosphamide exposure. <i>Biology of Reproduction</i> , 2003 , 69, 1150-7	3.9	29
95	Rebuttal of a role for the epididymis in sperm quality control by phagocytosis of defective sperm. <i>Journal of Cell Science</i> , 2002 , 115, 5-7	5.3	29
94	Exposure to polybrominated diphenyl ethers and phthalates in healthy men living in the greater Montreal area: A study of hormonal balance and semen quality. <i>Environment International</i> , 2018 , 116, 165-175	12.9	29
93	Changes in gene expression during aging in the Brown Norway rat epididymis. <i>Experimental Gerontology</i> , 2002 , 37, 897-906	4.5	28
92	Acute cyclophosphamide exposure has germ cell specific effects on the expression of stress response genes during rat spermatogenesis. <i>Molecular Reproduction and Development</i> , 2001 , 60, 302-11	2.6	28
91	Paternal exposure to cyclophosphamide dysregulates the gene activation program in rat preimplantation embryos. <i>Molecular Reproduction and Development</i> , 2000 , 57, 214-23	2.6	28
90	Region-specific expression of androgen and growth factor pathway genes in the rat epididymis and the effects of dual 5alpha-reductase inhibition. <i>Journal of Endocrinology</i> , 2006 , 190, 779-91	4.7	26

89	Paternal cyclophosphamide exposure causes decreased cell proliferation in cleavage-stage embryos. <i>Biology of Reproduction</i> , 1994 , 50, 55-64	3.9	26
88	Harnessing genomics to identify environmental determinants of heritable disease. <i>Mutation Research - Reviews in Mutation Research</i> , 2013 , 752, 6-9	7	25
87	Exposure to an environmentally relevant mixture of brominated flame retardants affects fetal development in Sprague-Dawley rats. <i>Toxicology</i> , 2014 , 320, 56-66	4.4	25
86	Identification of early response genes and pathway activated by androgens in the initial segment and caput regions of the regressed rat epididymis. <i>Endocrinology</i> , 2010 , 151, 4504-14	4.8	25
85	Impact of the chemotherapy cocktail used to treat testicular cancer on the gene expression profile of germ cells from male Brown-Norway rats. <i>Biology of Reproduction</i> , 2009 , 80, 320-7	3.9	25
84	In Utero and Lactational Exposure Study in Rats to Identify Replacements for Di(2-ethylhexyl) Phthalate. <i>Scientific Reports</i> , 2017 , 7, 3862	4.9	24
83	Androgens activate mitogen-activated protein kinase via epidermal growth factor receptor/insulin-like growth factor 1 receptor in the mouse PC-1 cell line. <i>Journal of Endocrinology</i> , 2011 , 209, 55-64	4.7	24
82	Paternal exposure to cyclophosphamide alters cell-cell contacts and activation of embryonic transcription in the preimplantation rat embryo. <i>Biology of Reproduction</i> , 2000 , 63, 74-81	3.9	24
81	Exposure of Female Rats to an Environmentally Relevant Mixture of Brominated Flame Retardants Targets the Ovary, Affecting Folliculogenesis and Steroidogenesis. <i>Biology of Reproduction</i> , 2016 , 94, 9	3.9	23
80	Development of a short-term fluorescence-based assay to assess the toxicity of anticancer drugs on rat stem/progenitor spermatogonia in vitro. <i>Biology of Reproduction</i> , 2010 , 83, 228-37	3.9	23
79	Macromolecules, steroid binding and testosterone secretion by rabbit testes. <i>Nature</i> , 1976 , 264, 84-6	50.4	23
78	Male Rat Germ Cells Display Age-Dependent and Cell-Specific Susceptibility in Response to Oxidative Stress Challenges. <i>Biology of Reproduction</i> , 2015 , 93, 72	3.9	22
77	Paternal exposure to cyclophosphamide affects the progression of sperm chromatin decondensation and activates a DNA damage response in the prepronuclear rat zygote. <i>Biology of Reproduction</i> , 2010 , 83, 195-204	3.9	22
76	Mechanisms of action of cyclophosphamide as a male-mediated developmental toxicant. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 518, 169-80	3.6	22
75	The Effects of Chemotherapeutic Agents, Bleomycin, Etoposide, and Cisplatin, on Chromatin Remodeling in Male Rat Germ Cells. <i>Biology of Reproduction</i> , 2016 , 94, 81	3.9	21
74	The effects of chemotherapy with bleomycin, etoposide, and cis-platinum (BEP) on rat sperm chromatin remodeling, fecundity and testicular gene expression in the progeny. <i>Biology of Reproduction</i> , 2013 , 89, 85	3.9	21
73	Effects of chemotherapeutic agents for testicular cancer on rat spermatogonial stem/progenitor cells. <i>Journal of Andrology</i> , 2011 , 32, 432-43		21
72	A Mixture Reflecting Polybrominated Diphenyl Ether (PBDE) Profiles Detected in Human Follicular Fluid Significantly Affects Steroidogenesis and Induces Oxidative Stress in a Female Human Granulosa Cell Line. <i>Endocrinology</i> , 2016 , 157, 2698-711	4.8	21

71	Gestational and Early Postnatal Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants: General Toxicity and Skeletal Variations. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2016 , 107, 157-68		20
70	The activation of DNA damage detection and repair responses in cleavage-stage rat embryos by a damaged paternal genome. <i>Toxicological Sciences</i> , 2012 , 127, 555-66	4.4	19
69	Impaired function of the blood-testis barrier during aging is preceded by a decline in cell adhesion proteins and GTPases. <i>PLoS ONE</i> , 2013 , 8, e84354	3.7	19
68	Overexpression of catalase in mice reduces age-related oxidative stress and maintains sperm production. <i>Experimental Gerontology</i> , 2016 , 84, 12-20	4.5	18
67	Phospholipases modulate the rat testicular androgen biosynthetic pathway in vitro. <i>Biology of Reproduction</i> , 1988 , 39, 329-39	3.9	18
66	The promoter of the rat 5alpha-reductase type 1 gene is bidirectional and Sp1-dependent. <i>Molecular and Cellular Endocrinology</i> , 2007 , 264, 171-83	4.4	17
65	Effects of brominated and organophosphate ester flame retardants on male reproduction. <i>Andrology</i> , 2020 , 8, 915-923	4.2	16
64	Advancing towards a male contraceptive: a novel approach from an unexpected direction. <i>Trends in Pharmacological Sciences</i> , 2003 , 24, 326-8	13.2	16
63	Reversibility of the effects of the chemotherapeutic regimen for non-Hodgkin lymphoma, cyclophosphamide, doxorubicin, vincristine, and prednisone, on the male rat reproductive system and progeny outcome. <i>Reproductive Toxicology</i> , 2010 , 29, 332-8	3.4	15
62	Cloning and characterization of the 5alpha-reductase type 2 promoter in the rat epididymis. <i>Biology of Reproduction</i> , 2005 , 72, 851-61	3.9	15
61	Effects of cyclophosphamide on selected cytosolic and mitochondrial enzymes in the epididymis of the rat. <i>Journal of Andrology</i> , 1988 , 9, 142-52		15
60	Effects of In Utero and Lactational Exposure to New Generation Green Plasticizers on Adult Male Rats: A Comparative Study With Di(2-Ethylhexyl) Phthalate. <i>Toxicological Sciences</i> , 2018 , 164, 129-141	4.4	15
59	The development of adverse outcome pathways for mutagenic effects for the organization for economic co-operation and development. <i>Environmental and Molecular Mutagenesis</i> , 2013 , 54, 79-81	3.2	14
58	Effects of caloric restriction on gene expression along the epididymis of the Brown Norway rat during aging. <i>Experimental Gerontology</i> , 2003 , 38, 549-60	4.5	14
57	Developmental expression of the glutathione S-transferase Yo subunit in the rat testis and epididymis using light microscope immunocytochemistry. <i>The Anatomical Record</i> , 1994 , 240, 345-57		14
56	Testicular signaling: incoming and outgoing messages. <i>Annals of the New York Academy of Sciences</i> , 1989 , 564, 250-60	6.5	14
55	Developmental regulation of epithelial- and placental-cadherin mRNAs in the rat epididymis. <i>Annals of the New York Academy of Sciences</i> , 1991 , 637, 399-408	6.5	14
54	Oxidative Stress and Reproductive Function in the Aging Male. <i>Biology</i> , 2020 , 9,	4.9	14

53	HT-COMET: a novel automated approach for high throughput assessment of human sperm chromatin quality. <i>Human Reproduction</i> , 2016 , 31, 938-46	5.7	13
52	Gestational exposure to persistent organic pollutants: maternal liver residues, pregnancy outcome, and effects on hepatic gene expression profiles in the dam and fetus. <i>Toxicological Sciences</i> , 2003 , 72, 242-52	4.4	13
51	Photoperiod-mediated increases in serum concentrations of inhibin, follicle-stimulating hormone, and luteinizing hormone are accentuated in adult shortened-scrotum rams without corresponding decreases in testosterone and estradiol. <i>Biology of Reproduction</i> , 1993 , 49, 365-73	3.9	13
50	The effects of chemotherapy with bleomycin, etoposide, and cis-platinum on telomeres in rat male germ cells. <i>Andrology</i> , 2015 , 3, 1104-12	4.2	12
49	Gestational and Lactational Exposure to an Environmentally-Relevant Mixture of Brominated Flame Retardants: Effects on Neurodevelopment and Metabolism. <i>Birth Defects Research</i> , 2017 , 109, 497-512	2.9	11
48	Analysis of the sperm head protein profiles in fertile men: consistency across time in the levels of expression of heat shock proteins and peroxiredoxins. <i>PLoS ONE</i> , 2013 , 8, e77471	3.7	11
47	In Utero and Lactational Exposure to Flame Retardants Disrupts Rat Ovarian Follicular Development and Advances Puberty. <i>Toxicological Sciences</i> , 2020 , 175, 197-209	4.4	10
46	Customized MethylC-Capture Sequencing to Evaluate Variation in the Human Sperm DNA Methylome Representative of Altered Folate Metabolism. <i>Environmental Health Perspectives</i> , 2019 , 127, 87002	8.4	10
45	Effects of Mg ²⁺ and Ca ²⁺ on soluble and membrane-bound acetylcholinesterase from <i>Electrophorus electricus</i> . <i>Biochemical Pharmacology</i> , 1974 , 23, 2476-80	6	10
44	Identifying Greener and Safer Plasticizers: A 4-Step Approach. <i>Toxicological Sciences</i> , 2018 , 161, 266-275	4.4	10
43	Changes in the dynamics of luteinizing hormone-releasing hormone-stimulated secretion of luteinizing hormone during sexual maturation of female rats. <i>Biology of Reproduction</i> , 1986 , 34, 549-57	3.9	9
42	Plasma concentrations of free 5 alpha-androstane-3 alpha, 17 beta-diol and related gonadal steroids during spontaneous and induced sexual maturation in the female rat. <i>Biology of Reproduction</i> , 1984 , 30, 105-11	3.9	9
41	Differential regulation of male rat liver glutathione S-transferases. Effects of orchidectomy and hormone replacement. <i>Biochemical Pharmacology</i> , 1982 , 31, 2389-93	6	9
40	Gene Expression in Brown Norway Rat Leydig Cells: Effects of Age and of Age-Related Germ Cell Loss		9
39	Telomere Dynamics Throughout Spermatogenesis. <i>Genes</i> , 2019 , 10,	4.2	8
38	Expression, localization, and regulation of inhibitor of DNA binding (Id) proteins in the rat epididymis. <i>Journal of Andrology</i> , 2006 , 27, 212-24		8
37	From the Cover: Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants Decreased p-E-catenin ^{Ser675} Expression and Its Interaction With E-Cadherin in the Mammary Glands of Lactating Rats. <i>Toxicological Sciences</i> , 2017 , 159, 114-123	4.4	7
36	Time-dependent rescue of gene expression by androgens in the mouse proximal caput epididymidis-1 cell line after androgen withdrawal. <i>Endocrinology</i> , 2007 , 148, 173-88	4.8	7

35	Interaction of season and estradiol in the regulation of gonadotropin secretion in the adult ram. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990 , 68, 150-6	2.4	7
34	The Exacerbation of Aging and Oxidative Stress in the Epididymis of Null Mice. <i>Antioxidants</i> , 2020 , 9,	7.1	6
33	Paternal cyclophosphamide exposure induces the formation of functional micronuclei during the first zygotic division. <i>PLoS ONE</i> , 2011 , 6, e27600	3.7	6
32	High-resolution analyses of human sperm dynamic methylome reveal thousands of novel age-related epigenetic alterations. <i>Clinical Epigenetics</i> , 2020 , 12, 192	7.7	5
31	Gestational and Lactational Exposure to an Environmentally-relevant Mixture of Brominated Flame Retardants Down-regulates Junctional Proteins, Thyroid Hormone Receptor α Expression and the Proliferation-Apoptosis Balance in Mammary Glands Post Puberty. <i>Toxicological Sciences</i> , 2019 ,	4.4	5
30	Paternal exposure to testis cancer chemotherapeutics alters sperm fertilizing capacity and affects gene expression in the eight-cell stage rat embryo. <i>Andrology</i> , 2014 , 2, 259-66	4.2	5
29	Null mutation of the transcription factor inhibitor of DNA binding 3 (id3) affects spermatozoal motility parameters and epididymal gene expression in mice. <i>Biology of Reproduction</i> , 2011 , 84, 765-74	3.9	5
28	Aging and oxidative stress alter DNA repair mechanisms in male germ cells of superoxide dismutase-1 null mice. <i>Biology of Reproduction</i> , 2021 , 105, 944-957	3.9	5
27	A cross-species comparative approach to assessing multi- and transgenerational effects of endocrine disrupting chemicals. <i>Environmental Research</i> , 2021 , 204, 112063	7.9	5
26	Elucidation of the Effects of Bisphenol A and Structural Analogs on Germ and Steroidogenic Cells Using Single Cell High-Content Imaging. <i>Toxicological Sciences</i> , 2021 , 180, 224-238	4.4	5
25	Moderate increases in peripheral blood estradiol concentration in the adult ram do not directly inhibit testosterone secretion. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992 , 70, 1384-91	2.4	4
24	Polybrominated Diphenyl Ethers in Human Follicular Fluid Dysregulate Mural and Cumulus Granulosa Cell Gene Expression. <i>Endocrinology</i> , 2021 , 162,	4.8	4
23	Zinc Transport Differs in Rat Spermatogenic Cell Types and Is Affected by Treatment with Cyclophosphamide. <i>Biology of Reproduction</i> , 2016 , 95, 22	3.9	3
22	Response to Letter From Rainer Otter Regarding Albert O. et al. (2017). Identifying Greener and Safer Plasticizers: A Four-Step Approach. <i>Toxicological Sciences</i> , 2018 , 166, 244-245	4.4	2
21	Selective induction of glutathione S-transferases in round spermatids from the Brown-Norway rat by the chemotherapeutic regimen for testicular cancer. <i>Reproductive Toxicology</i> , 2013 , 36, 24-32	3.4	2
20	The mechanism of rat epididymal 4-ene steroid 5 alpha-reductase. <i>The Journal of Steroid Biochemistry</i> , 1987 , 26, 361-8		2
19	Null mutation of the transcription factor inhibitor of DNA binding 3 (ID3) in male mice adversely impacts on fertility and reproductive outcome. <i>Journal of Andrology</i> , 2012 , 33, 667-74		1
18	Cancer in Males: Implications for Sperm Quality, Fertility, and Progeny Outcome 2011 , 351-360		1

17	The challenges of assessing the quality of spermatozoa. <i>Fertility and Sterility</i> , 2008 , 89, e67-8	4.8	1
16	The patterns of LH secretion in adult male rats associated with compensatory androgen secretion by the testis remaining after unilateral orchidectomy. <i>Annals of the New York Academy of Sciences</i> , 1991 , 637, 133-42	6.5	1
15	Phthalates and Alternative Plasticizers Differentially affect Phenotypic Parameters in Gonadal Somatic and Germ Cell Lines. <i>Biology of Reproduction</i> , 2021 ,	3.9	1
14	Effects of flame retardants on ovarian function. <i>Reproductive Toxicology</i> , 2021 , 102, 10-23	3.4	1
13	Sperm DNA integrity in adult survivors of paediatric leukemia and lymphoma: A pilot study on the impact of age and type of treatment. <i>PLoS ONE</i> , 2019 , 14, e0226262	3.7	1
12	Effects of Aging on Sperm Chromatin 2019 , 85-103		1
11	In Utero and Lactational Exposure to an Environmentally Relevant Mixture of Brominated Flame Retardants Induces a Premature Development of the Mammary Glands. <i>Toxicological Sciences</i> , 2021 , 179, 206-219	4.4	1
10	Zygotic chromosomal structural aberrations after paternal drug treatment. <i>Asian Journal of Andrology</i> , 2015 , 17, 939-41	2.8	0
9	Cancer and Sperm DNA Damage 2018 , 281-300		0
8	Celebrating the Silver Anniversary of the North American Testis Workshop. <i>Andrology</i> , 2020 , 8, 820-824	4.2	
7	Sperm Evaluation Using the Comet Assay 2018 , 85-98		
6	Gene Expression is Selectively Affected along the Epididymis after Orchidectomy. <i>Scientific World Journal, The</i> , 2001 , 1, 56	2.2	
5	Effect on pregnancy outcome of suppression of spermatogenesis by testosterone. <i>Annals of the New York Academy of Sciences</i> , 1984 , 438, 546-8	6.5	
4	A case study of the role of toxicogenomics in hazard identification: The effects of exposure to a mixture of brominated flame retardants on ovarian function and gene expression. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, SY77-1		0
3	Age and Oxidative Stress in the Germ Line 2012 , 131-148		
2	Cancer in Males: Implications for Sperm Quality, Fertility, and Progeny Outcome 2013 , 153-165		
1	Male Oncoinfertility 2019 , 840-848		